WHAT IS CLAIMED IS:

1. An image forming apparatus, comprising:

an image bearing member having a surface layer,

electrostatic image forming means for forming an electrostatic image on the surface layer,

developing means, containing at least toner and a carrier, for developing the electrostatic image,

density measuring means for measuring a density of the developed electrostatic image,

layer thickness measuring means for measuring a thickness of the surface layer,

adjusting means for adjusting toner content in said developing means,

wherein said adjusting means adjusts the toner content on the basis of the thickness of the surface layer measured by said layer thickness measuring means.

2. An apparatus according to Claim 1, wherein said electrostatic image forming means comprises means for electrically charging the surface layer.

3. An apparatus according to Claim 1, wherein said layer thickness measuring means measures the thickness of the surface layer by measuring a current passing through said image bearing member via said

electrostatic image forming means.

4. An apparatus according to Claim 1, wherein the electrostatic image to be formed at the time of the adjustment is formed in a non-image area of said image bearing member and developed by said developing means which is supplied with a voltage so that a first voltage is applied to the non-image area and a second voltage is applied to an image forming area, and

wherein an amount of change in density of the developed electrostatic image to an amount of change in the toner concentration at the time of applying the first voltage is larger than an amount of change in density of the developed electrostatic image to an amount of change in the toner concentration at the time of applying the second voltage.